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PTO/SB/08A (10-96)  
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<div>Substitute for form 1449A/PTO</div> <div><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></div> <div>(use as many sheets as necessary)</div>				<b>Complete if Known</b>	
Sheet	1	of	4	Application Number	
				Filing Date	
				First Named Inventor	Johnson, Thomas D.
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	02-0201-JOHN

PTO  
10/06/1995  
02/01/02

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	1	4,476,881		Gravely et al	10-16-1984	all
	2	4,489,161		Papavizas	12-18-1984	all
	3	4,642,131		Hoitink	02-10-1987	all
	4	4,668,512		Lewis et al.	05-26-1987	all
	5	4,678,669		Ricard	07-07-1987	all
	6	4,713,342		Chet et al.	12-15-1987	all
	7	4,724,147		Marois et al.	02-09-1988	all
	8	4,748,021		Chet et al.	05-31-1988	all
	9	4,818,530		Marois et al.	04-04-1989	all
	10	4,828,600		McCabe et al.	05-09-1989	all
	11	4,877,738		Handelsman et al.	10-31-1989	all
	12	4,915,944		Chet et al.	04-10-1990	all
	13	4,952,229		Muir	08-28-1990	all
	14	5,047,239		Pusey	09-10-1991	all
	15	5,049,379		Handelsman et al.	09-17-1991	all
	16	5,071,462		Kimura	12-10-1991	all
	17	5,068,105		Lewis et al.	11-26-1991	all
	18	5,084,272		Speakman et al.	01-28-1992	all
	19	5,194,258		Paau et al.	03-16-1993	all
	20	5,238,690		Elad et al.	08-24-1993	all

FOREIGN PATENT DOCUMENTS								
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	21	5,260,213		Harman et al.	11-09-1993	all
	22	5,266,316		Elad et al.	11-30-1993	all
	23	5,273,749		Bok et al.	12-28-1993	all
	24	5,300,127		Williams	04-05-1994	all
	25	5,344,647		Rossall	09-06-1994	all
	26	5,401,655		Kijima et al.	03-28-1995	all
	27	5,422,107		Kubota	06-06-1995	all
	28	5,455,028		O'Donnell	11-03-1995	all
	29	5,409,509		Burth et al.	04-25-1995	all
	30	5,552,138		Handelsman et al.	09-03-1996	all
	31	5,589,381		Nevra et al.	12-31-1996	all
	32	5,614,188		Urano et al.	03-25-1997	all
	33	5,628,144		Eastin	05-13-1997	all
	34	5,632,987		Payne et al.	05-27-1997	all
	35	5,645,831		Chilcott et al.	07-08-1997	all
	36	5,665,354		Neyra et al.	09-09-1997	all
	37	5,667,779		Kubo	09-16-1997	all
	38	5,695,982		Handelsman et al.	12-09-1997	all
	39	5,702,701		O'Donnell	12-30-1997	all
	40	5,753,222		Marrone et al.	05-19-1998	all

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	41	5,852,054		Handelsman et al.	12-22-1998	all
	42	5,869,042		Marrone et al.	02-09-1999	all
	43	5,882,641		Shetty	03-16-1999	all
	44	5,882,915		Howell	03-16-1999	all
	45	5,906,818		Heins et al.	05-25-1999	all
	46	5,916,029		Smith et al.	06-29-1999	all
	47	5,919,447		Marrone et al.	07-06-1999	all
	48	5,922,603		Herrera-Estrella et al.	07-13-1999	all
	49	5,972,689		Cook et al.	10-26-1999	all
	50	5,974,734		Eastin	11-02-1999	all
	51	5,998,196		Handelsman et al.	12-07-1999	all
	52	6,015,553		Germida et al.	01-18-2000	all
	53	6,017,525		Logan et al.	01-25-2000	all
	54	6,030,610		Handelsman et al.	02-29-2000	all
	55	6,033,659		Handelsman et al.	03-07-2000	all
	56	6,103,228		Heins et al.	08-15-2000	all
	57	6,232,270		Branly et al.	05-15-2001	all
	58	6,326,016		Moesinger	12-04-2001	all

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				Application Number	
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				First Named Inventor <b>Johnson, Thomas D.</b>	
				Group Art Unit	
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Sheet	4	of	4	Attorney Docket Number <b>02-0201-JOHN</b>	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	59	STRATSOY, Interaction of Soybean Roots with Soilborne Pathogens and Nonpathogens, Stratsoy Research Database, 1996?, pp. 1-3.	
	60	USDA, Seed's Coat of Many Microbes Wards off Rot, Agricultural Research, Science Update, April 1997, p. 23.	
	61	LUO, Y. & BLEAKLEY, B., Biological Control of Fusarium Head Blight (FHB) of Wheat by Bacillus Strains, 1999 National Fusarium Head Blight Control Forum, 1999, p. 60, Biology/Microbiology Dept., Brookings, SD.	
	62	DATNOFF, L.E. & PERNEZNY, K.L., Effect of Bacterial and Fungal Microorganisms to Colonize Tomato Roots, Improve Transplant Growth and Control Crown and Root Rot, 2000, pp. 1-8, Southwest Florida Research & Education Center, University of Florida,	
	63	USEPA, Biopesticide Fact Sheet, Bacillus subtilis var. amyloliquefaciens strain FZB24, 5/2000, USEPA Office of Pesticide Programs.	

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